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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

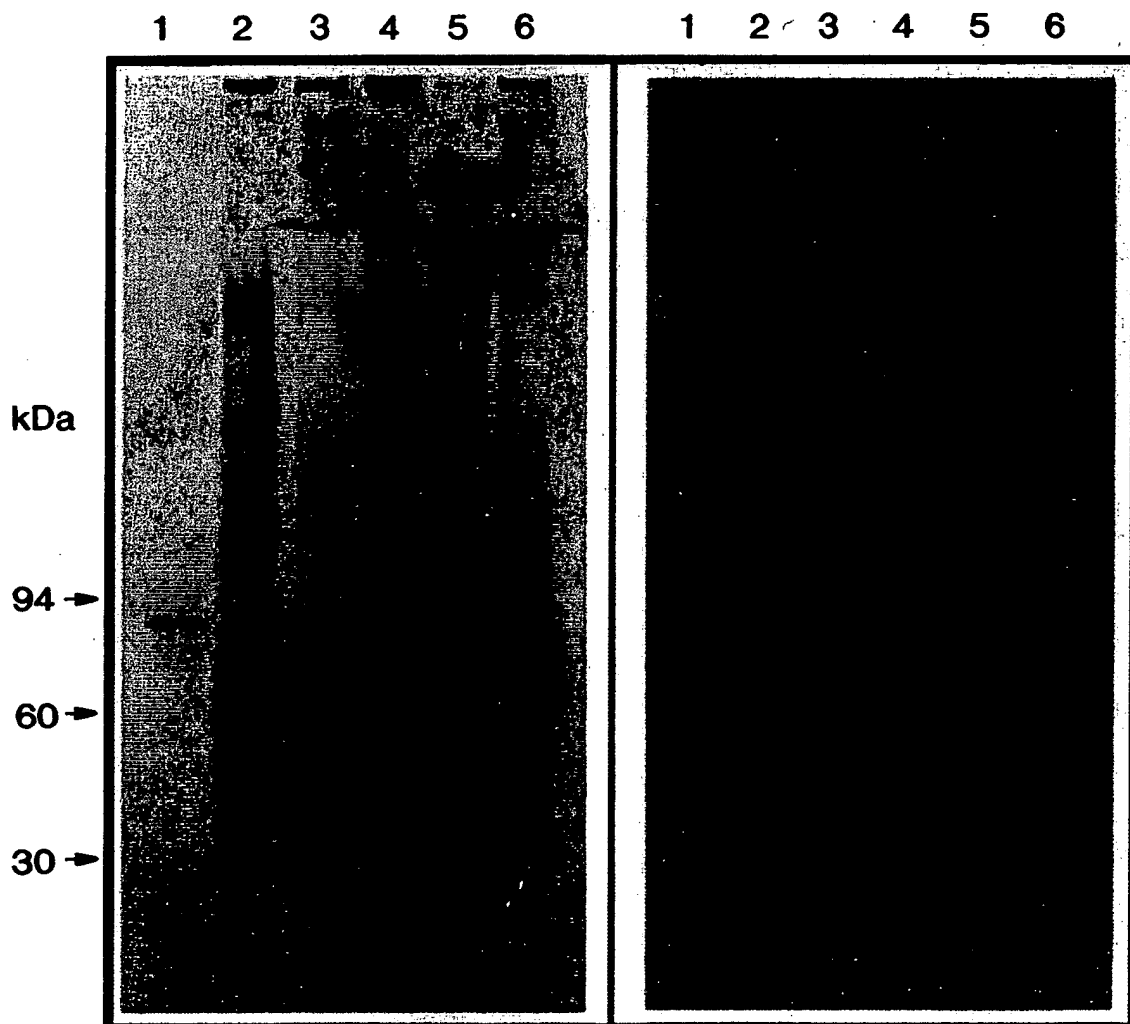
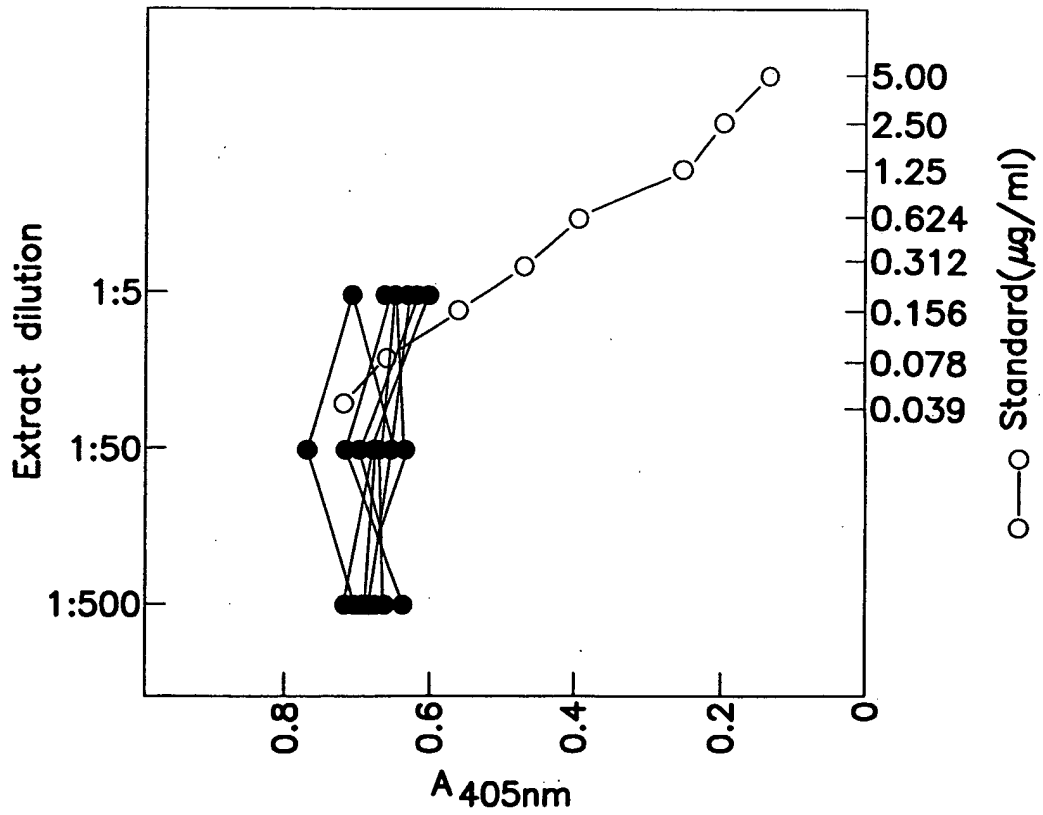
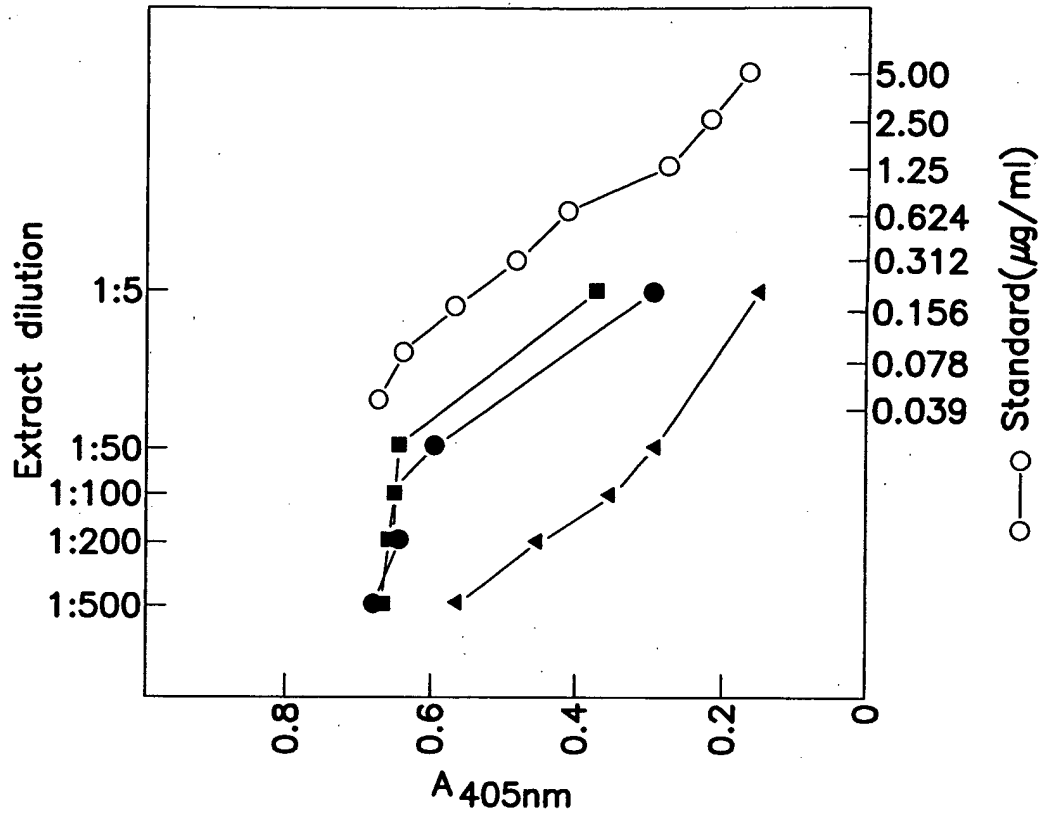


FIG. IA

FIG. IB

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
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APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

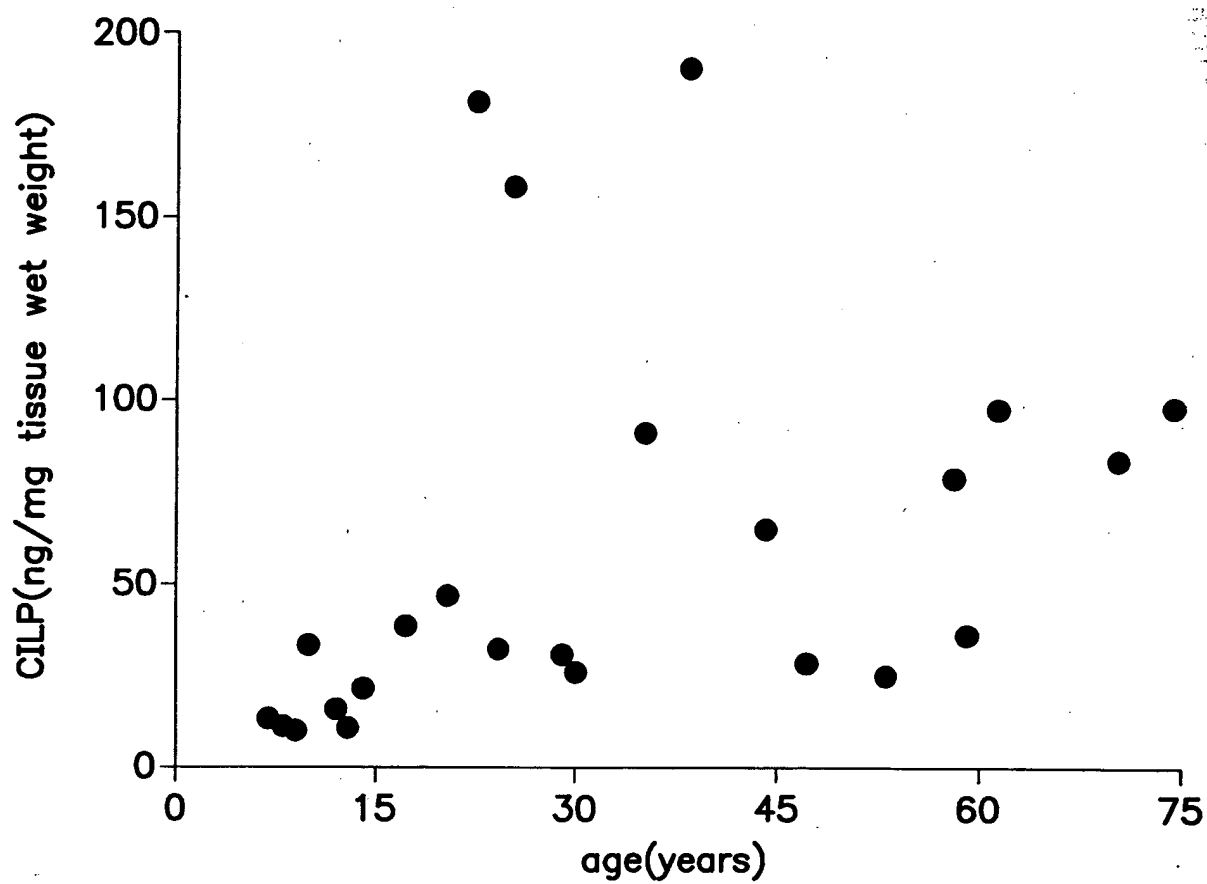


FIG. 3

APPROVED	O.G. FIG.
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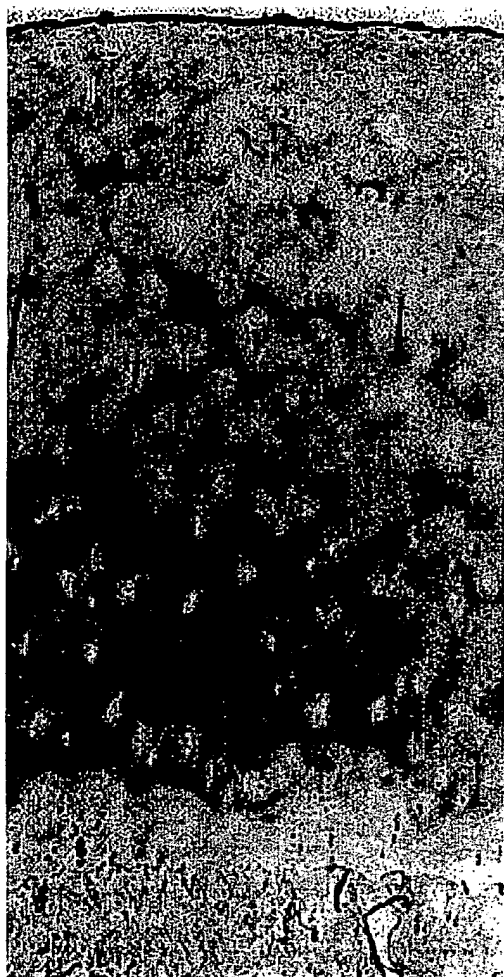


FIG. 4A

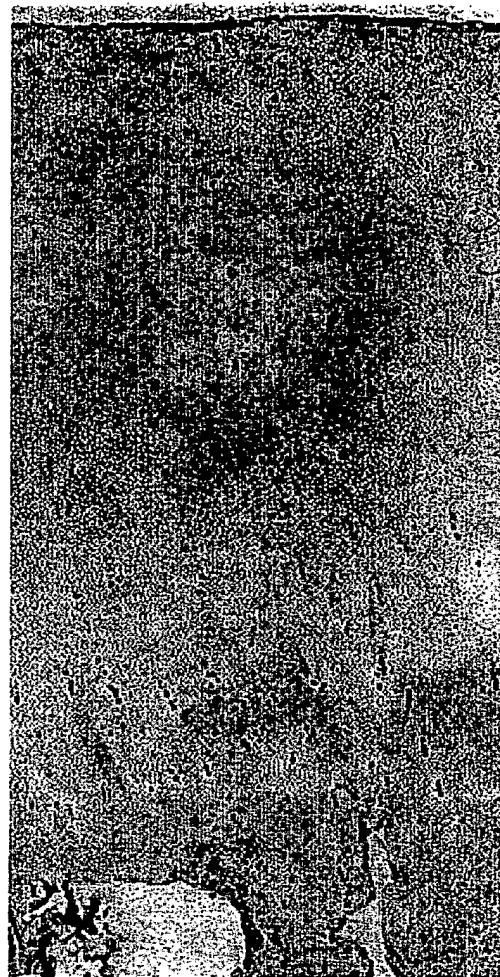


FIG. 4B

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APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
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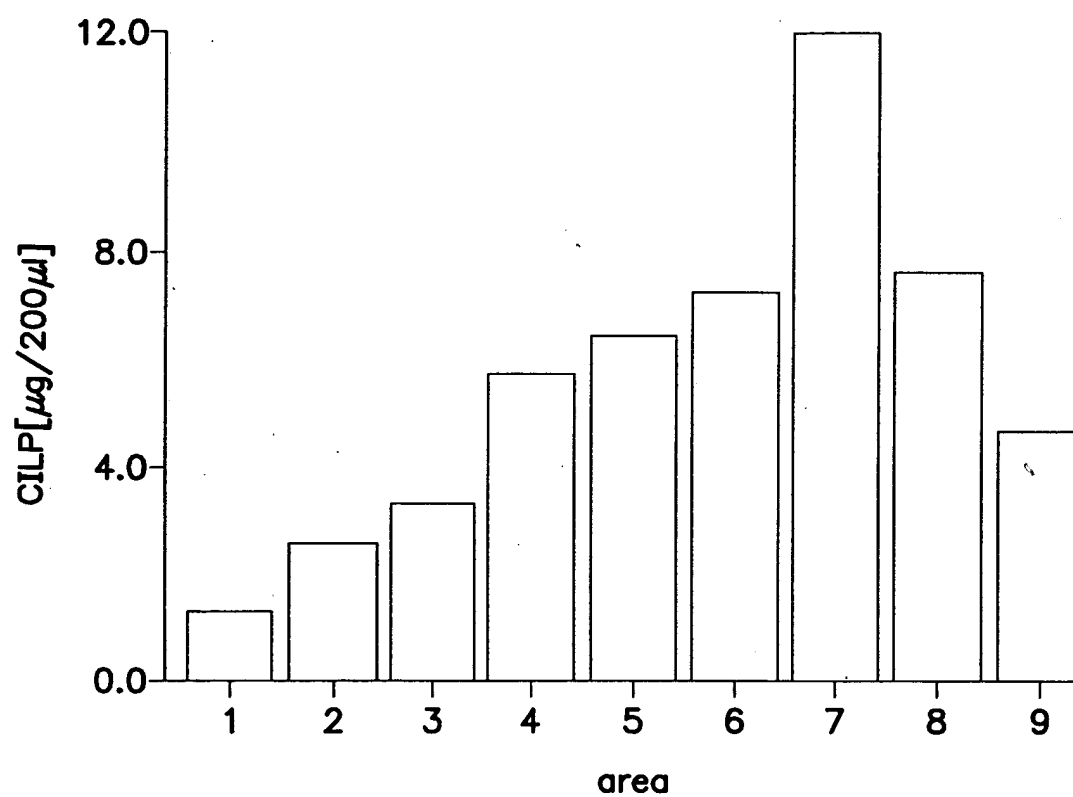


FIG. 5

APPROVED	O.G. FIG.	
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BY		
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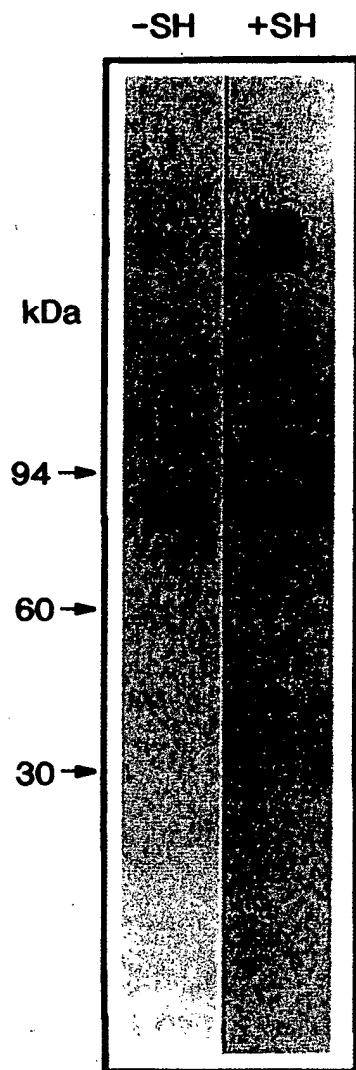


FIG. 6

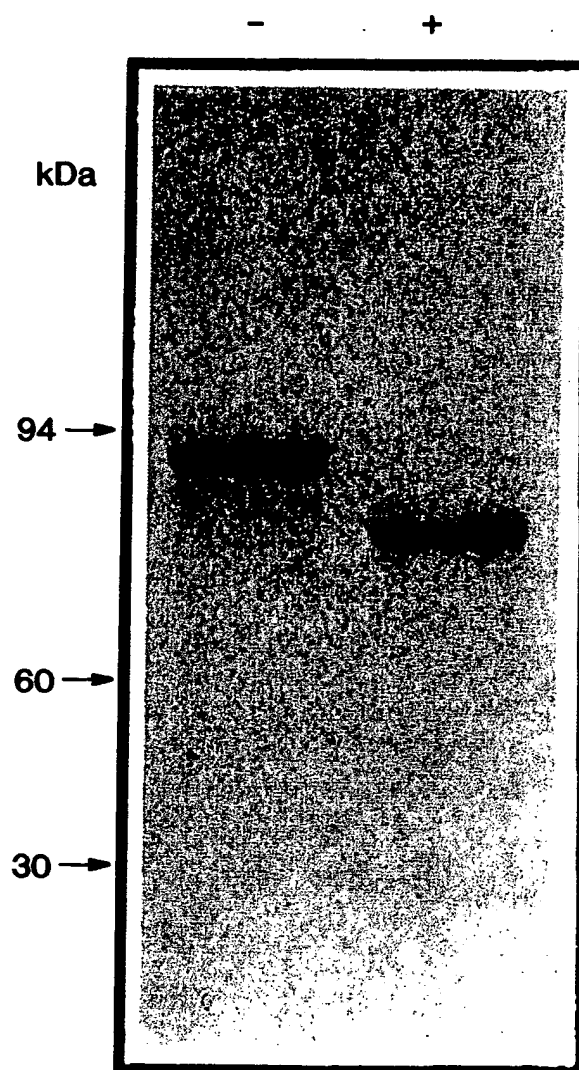


FIG. 7

APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
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TGAGGAGTC - 121
 CTGCTCAAGACACGGTCACTGGATCTGAGAACTTCCCAGGGACCGCATCCAGAGTCAGTGACTCTGTGTGAAGACCCACATCTACCTCTTGGCCACGTTCCACGGGCTTGGGGGAAAG - 1
 ATGGTGGGGACCAAGGCCTGGGTGTTCTCTTCTGTTCTGGAAGTCAATCTGTGTTGGGGAGACAGACGATGCTCACCCAGTCAAGTAAGAGTCCAGCTGGGAAGAAACCCC 120
 M V G T K A W V F S F L V L E V T S V L G R Q T M L T Q S V R V Q P G K N P 19
 AGCATCTTTGCCAAGCCTGCCAGACCCCTGGAGAGCCCTGGTGAGTGGAGACAACATTGTTCAACATCGACTACCCAGGGGGAAGGGCGACTATGAGCGGCTGGAGCCCATTCGCTTCTAC 240
 S I F A K P A D T L E S P G E W T T L F N I D Y P G G K G D Y E R L D A I R F Y 59
 TATGGGACCGTGATGTGCCCGTCCCTGCCGTAGAGGCTCGGACCACTGACTGGACACCTGGGCGAGCACTGCCAGGTGCTCCATGTTACTCCCGTGAGGGTTCCTGCTGCCTC 360
 Y G D R V A R P L R L E A R T T D W T P A G S T G Q V V E G S P R E G F W C L 99
 AACAGGAGCAGCGGCTGGCCAGAACTGCTTAATTACACGTACGCTTCTGCTCCACAGGATCCCTGCGCGAGACACAGAGCGCATCTGGAGCCCATGGTCTCCCTGGAGCAAG 480
 N R E Q R P G Q N S N Y T V R F L P P G S L R R D T E R I W S P W S P W S K 139
 TGCTAGCTGCCTGTGTCAGACTGGGGTCCAGACTCGCACACCGCATTTGCTTGGCAGAGATGGTGTGCTGTGCTAGTGAGGCCAGCGAAGAGGGTCAGCATGGCCAGGACTGT 600
 S A A G Q T G V Q T R T R I L A E M V S L S E A S E E G Q H M G Q D C 179
 ACAGCCTGTGACCTGACCTGCCCAATGGGCCAGGTGAATGCTGACTGTGATGCTGATGCTGCCAGGACTTCATGCTTTCATGSGGCTGTCTCCCTTCCCGGAGGTGCCCGCCAGCCTCAGGG 720
 T A D L T P M G Q V N A D C D A M Q D F M L H G A V S L P G G A P A S G 219
 GCTGTACTACTCTGACCAAGACGCCGAAGCTGTGACCCAGACAGAGTGTGGAGATTCGGAATCCCTGGCTGTGCTGCTGATGGCAAAAGCATCTCTGAAGATCACAAGGTC 840
 A A I Y L L T K T P K L L T Q T D S D G R F R I P G L P D G K S I L K I T K V 259
 AAGTTTGGCCCCATTGTACTCACAATGCCCCAAGACTAGCCTGAAGGCCAGGCCACCATCAAGCCAGAGTTGTGAGGCGAGAGACTCCATACATGGTGATGAACCCCTGAGACAAAAGCACGG 960
 K F A P I V L T M P K T S L K A A T I K A E F V R A E T P Y M V M N P E T K A R 299
 AGAGCTGGCAGAGCGTGTCTGTGCTGTAAAGCCACAGGGAAGCCCGCCAGCCAGACAGTATTTTGGTATCATATGACACATGCTGGATCTCCCTCTACAGCATGAGAGCAAG 1080
 R A G Q S V S L C K A T G K P R P D K Y F W Y H N D T L L D P S L Y K H E S K 339
 CTGGTGTGAGGAACTGCAGCAGCAGCGTGGGGAGTACTTTTGAAGGCCCCAGAGTGTGCTGGGCTGTGAAGTCCAGGTTGCCAGCTGATGTCACAGCATCTGATGAGACT 1200
 L V L R K L Q Q H Q A G E Y F C K A Q S D A G A V K S K V A Q L I V T A S D E T 379
 CCTTGCAACCCAGTTCTGTGAGAGCTATCTTATCCGGCTGCCCATGATTGCTTTCAGATGCCACCACTCCTTCTACTATGACGFGGACGCTGCCCTGTTAAGACTTGTGACGGGCAG 1320
 P C N P V P E S Y L I R L P H D C F Q N A T N S F Y Y D V G R C P V K T C A G Q 419
 CAGGATAATGGGATCAGGTCCGTGATGCTGTGCAGAACTGTGTGGCATCTCCAAGACAGAGGAAGGAGATCCAGTGCAGTGGCTACACGCTACCCAGGTGGCCAGGAGTGC 1440
 Q D N G I R C R D A V Q N C G I S K T E E R E I Q S G Y T L P T K V A K E C 459
 AGCTGCCAGCGGTGTACGGAACCTCGGAGCATCTGCGGGGCGGTGTGCTGACATGCTGCTGACATGGGGAGCCCATCGCTTGGCCATGTGTACATGGGGAACACCCGTGTAAACATGACT 1560
 S C Q R C T E T R S I V R G R V S A A D N G E P M R F G H V Y M G N S R V S M T 499

FIG. 8A

APPROVED	O. G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

GGCTACAAAGGGCACCTTACCCCTCCATGTCCCCAGGACACTGAGAGGCTGGTGCTCACATTTGTGGACAGGCTGCAGAGTTTGTCAACACCACCAAGTGCTACTTTCAACCAAG
 G Y K G T F T L H V P Q D T E R L V L T F V D R L Q K F V N T T K V L P F N K K 1680 539

GGGAGTCCGCTGTTCCATGAATCAAGATGCTTCGTCGAAAGAGCCCCATCACTTTGGAAGCCATGGAGACCAACATCATCCCTCGGGGAAGTGGTGGTGAAGACCCCATGGCTGAA
 G S A V F H E I K M L R R K E P I T L E A M E T N I I P L G E V V G E D P M A E 1800 579

CTGGAGATTCCATCCAGGAGTTTCTACAGGCAGATGGGGAGCCCTACATAGGAAAAGTGAAGGCCAGTGTGACCTTCCTGGATCCCGGGAATATTCCACAGCCACAGCTGCCAGACT
 L E I P S R S F Y R Q N G E P Y I G K V K A S V T F L D P R N I S T A T A Q T 1920 619

GACCTGAACCTCATCAATGACGAAGGAGACACTTTCCCCCTTCGGACGTATGGCATGTTCTCTGTGGACTTCAGAGATGAGGTCACTCAGAGCCACTTAATGCTGGCAAGTGAAGTC
 D L N F I N D E G D T F P L R T Y G M F S V D F R D E V T S E P L N A G K V K V 2040 659

CACCTTGACTCGACCCAGGTCAAGATGCCAGACATATCCACAGTGAAGTCTGTGCTACTCAATCCAGACACAGGCTGTGGAGGAGGAAGTGTGATTTCATTAATTGAAATCAAGG
 H L D S T Q V K M P E H I S T V K L W S L N P D T G L W E E G D F K F E N Q R 2160 699

AGGAACAAAGAGACAGAACCTTCCTGTGGGCAACCTGGAGATTCGTGAGAGAGGCTCTTTAACTGGATGTCTGAAAGCAGGCGGTGCTTTGTTAAGGTGAGGCGCTACCGG
 E D R T F L V G N L E I R E R L F N L D V P E S R R F V K V R A Y R 2280 739

AGTGAGAGGTCTTCGCTAGTGAGCAGATCCAGGGGTGTGATCTCCGTGATTAACCTGGAGCCTAGAACCTGGCTTCTGTCCAAACCTAGGCGCTGGGCGCTTTGACAGTGTATC
 S E R F L P S E Q I Q G V V I S V I N L E P R T G F L S N P R A W G R F D S V I 2400 779

ACAGGCCCAACGCGGCTGTGTGCTGCCCTGTGATGACCAAGTCCCTGATGCCCTACTCTGCCTATGTCTTGGAGCCCTGGTGGGAGGAACTGCAAGCAGTGGAGTCTTCTCCT
 T G P N G A C V P A F D D Q S P D A Y S A Y V L A S L A G E E L Q A V E S S P 2520 819

AAATTAACCCAAATGCGTCCCTCAGCCCTATCTCAACAAGCTCAACTACCGTCGGACGGACCATGAGGATCCACGGGTAAAGACAGCTTTCCAGATTAGCATGGCCAAG
 K F N P N A I G V P Q P Y L N K L N Y R R T D H E D P R V K K T A F Q I S M A K 2640 859

CCAAGGCCCAACTCAGCTGAGGAGCAATGGGCCCATCTATGCCCTTTGAGAACCTCCGGGCATGTGAAGAGGCACACCCAGTGCAGCCCCACTTCCGGTTCTACCAAGATTGAGGGGAT
 P R P N S A E E S N G P I Y A F E N L R A E E A P P S A A H F R F Y Q I E G D 2760 899

CGATATGACTACAACACAGTCCCTTCAACGAAGATGACCCCTATGAGCTGAGTGAAGACTATCTGGCATGTGGCCAAAGCCGATGGAATTCAGGCGCTGCTATATCAAGGTGAAGATT
 R Y D Y N T V P F N E D D P M S W T E D Y L A W P K P M E F R A Y I K V K I 2880 939

GTGGGCCACTGGAAGTGAATGTGGATCCCGCAACATGGGGGCATCTATCGCGGACAGTGGGAAGCTGTATGGAATCCAGATGTGAGGAGCCACTCGGGACAGGGACCCCAAT
 V G P L E V N V R S R N M G G T H R R T V G K L Y G I R D V R S T R D R D Q P N 3000 979

GTCTCAGCTGCCTGTCTGAGTCAAGTGCAGTGGGATGCTCTATGATCAGGACCGTGTGGACCGCACCTCTGGTGAAGTTCATCCCGCAGGCGAGTCCCGTCGAGCCAGTGTGAACCC
 V S A A C L E F K S G M L Y D Q D R V D R T L V K V I P Q G S R R A S V N P 3120 1019

ATGCTGATGAGTACCTGTCACCACTTGCCACTTGCAAGTCAACACACACAGTGAAGTACACCTTGACCTGGACCCCTTGACCCACTGGGCCAACACTATGGCATCTACACTGTCACT
 M L H E Y L V N H L P L A V N N D T S E Y T M L A P L D P L G H N Y G I Y T V T 3240 1059

FIG. 8B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

GACCAGGACCCCTCGCACGGCCCAAGGAGATCGCGCTCGGCCGGTGTGATGGCACATCCGATGGCTCCTCCAGATCATGAAGAGCAATGTGGAGTAGCCCTCACCTTCAACTGTGTA 3360
 D Q D P R T A K E I A L G R © F D G T S D G S S R I M K S N V G V A L T F N © V 1099
 GAGAGGCAAGTAGGCCGCCAGAGTGCCCTTCCAGTACCTCCAAAGCACCCAGCCAGTCCCTGCTGCGAGGCACTGTCCCAAGGAAGAGTGCCTCGAGGAGGCGAGCGAGCGAGG 3480
 E R Q V G R Q S A F Q Y L Q S T P A Q S P A A G T V Q G R V P S R R Q Q R A S R 1139
 GGTGCCAGGCCAGAGTGGAGTGTGGCCCTCTCTGAGATTTCCTAGAGTTTCCCTCAACAGCCCTGATCACTAAAGTTTGTGGTACTTCAACCCCTCTTCTGCCCTCATTTCATGTGACAG 3600
 G G Q R Q S G V A S L R F P R V A Q Q P L I N ■ (SEQ ID NO:2) 1163
 CCATTGTGAGACTGATGCACAAACTGCTACTTGGTTAATTTAAGCACTTCTGTTTTCGTGAATTTGCTTGTGTTTCTTCTCATGCTTTTACTTGTCCCATGCTACTGATTGGCAC 3720
 GTGGCCCCCACAATGGCACAATAAAGCCCTTTGTGAAACTGTCTTTAAATGAAACACACAGAAATTTGGCACTGGTAAACTCTGCAGCTTCAACTGTACTTCACTTAAATGCCATTAAT 3840
 GCAAATATACTTCTCTCTTTTGGATGGTTTGGCCACCTCTGCAATAGTATATCTGATGCTGAAGATCAATATACCAATATATAAGCATATTTCTTGGCCCTTGTCTCCACAGGACAT 3960
 AGGCAAGCCCTTGATCATAGTTCATACATATAAATGGTGGTGAATAAAGAAATAAACAACACATATACTTTTACTGGAAAAA (SEQ ID NO:1) 4046

FIG. 8C

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

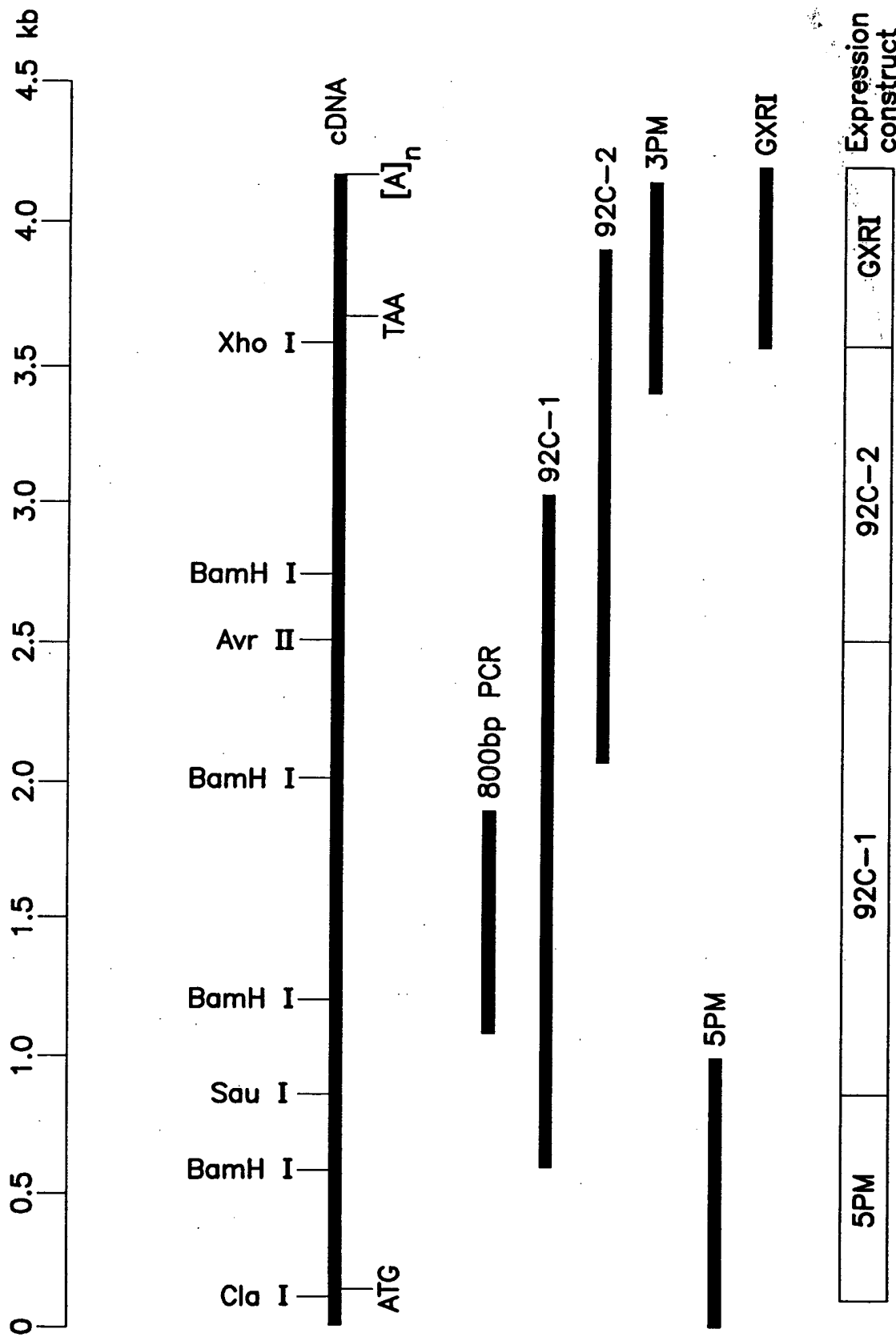


FIG. 9

APPROVED	O.G. FIG.	CLASS/SUBCLASS
	BY	
DRAFTSMAN		

kb

6.6 —

5.0 —

3.6 —

2.6 —

1.9 —

1.4 —

0.9 —

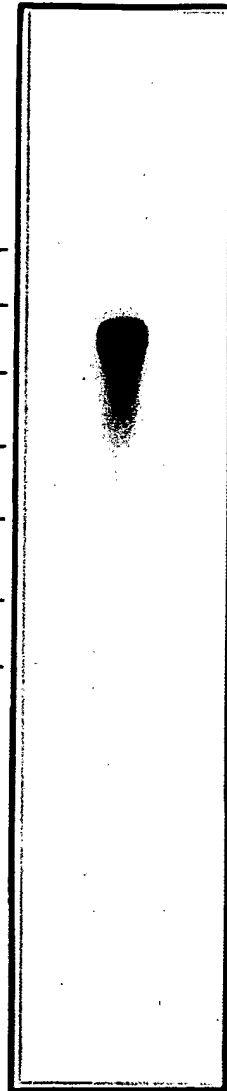


FIG. 10

APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		

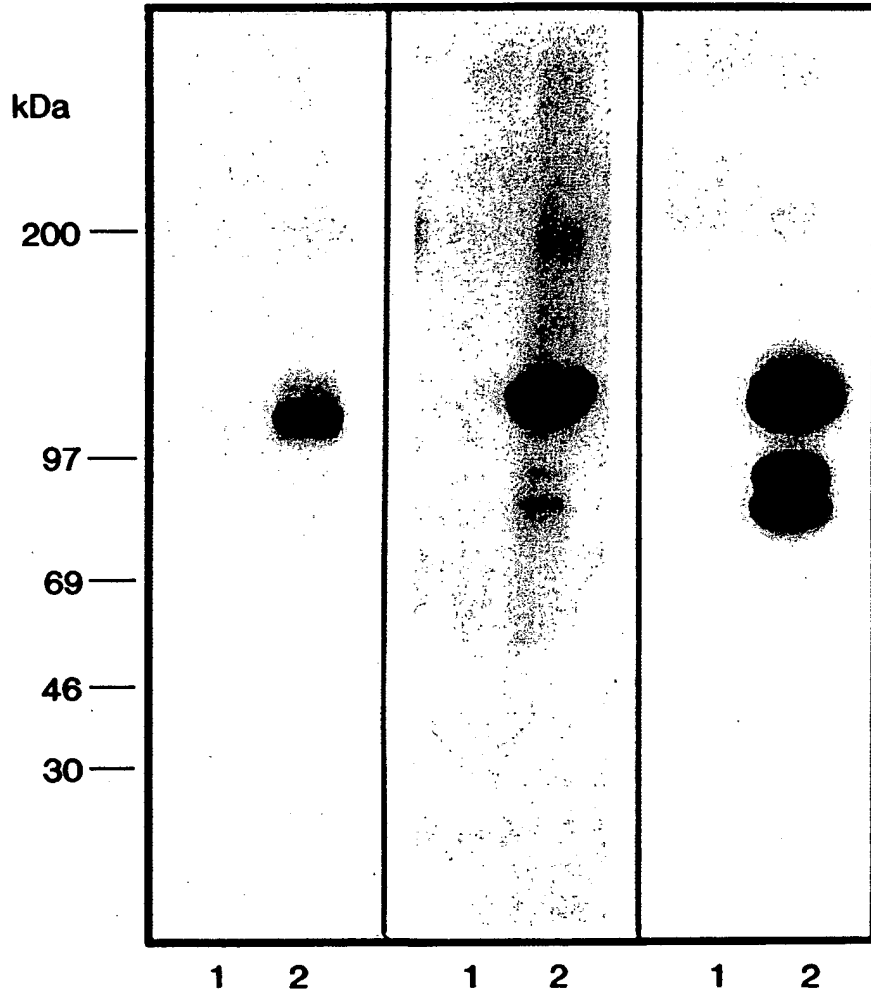


FIG. IIA FIG. IIB FIG. IIC

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

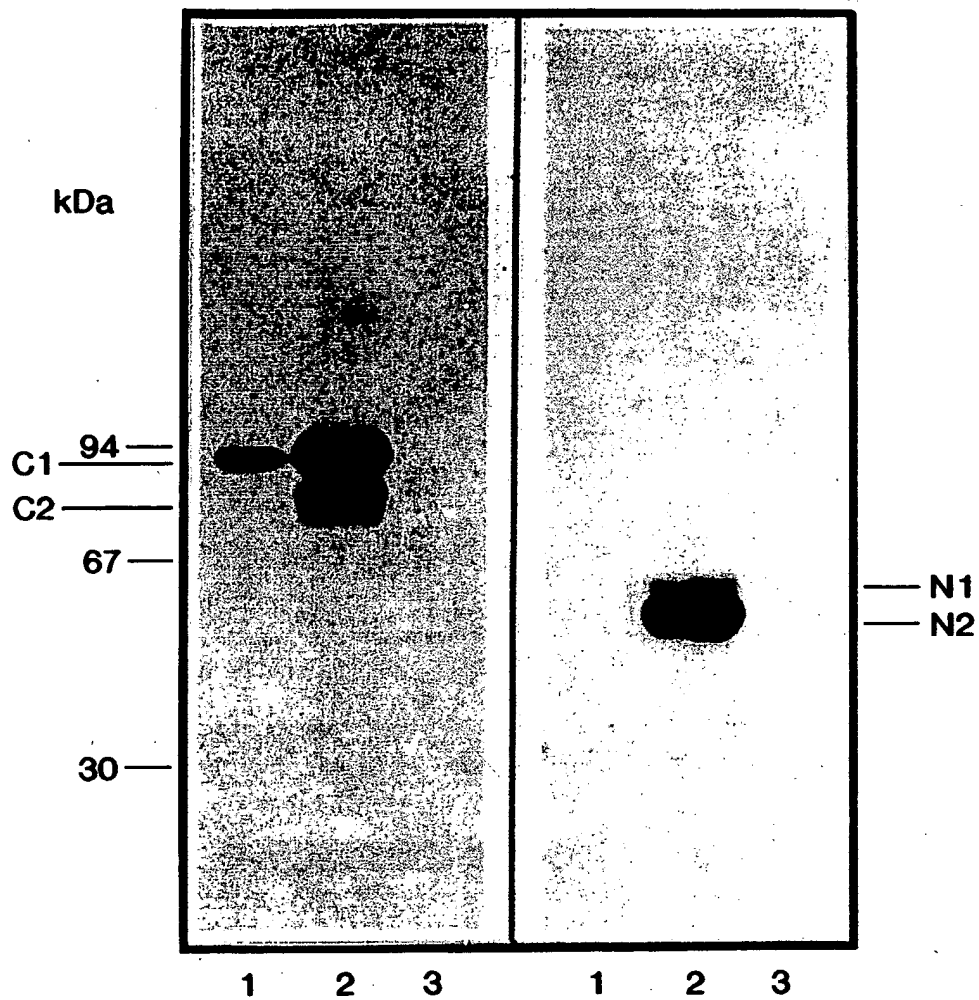


FIG. 12A

FIG. 12B